Qty. | Description

1 CRN 5-2 A-P-A-E-HQQE



Note! Product picture may differ from actual product

Product No.: On request

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via PJE (Victaulic®) couplings.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Liquid:

Pumped liquid: Water
Liquid temperature range: -20 .. 120 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2873 rpm

Rated flow: 5.8 m³/h
Rated head: 9 m
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQE

Approvals: CE,EAC,UKCA,SEPRO

Approvals for drinking water: WRAS,ACS
Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel

EN 1.4408 AISI 316

Impeller: Stainless steel

EN 1.4401 AISI 316

Bearing: SIC

Installation:

t max amb: $60 \, ^{\circ}\text{C}$ Maximum operating pressure: $25 \, \text{bar}$

Max pressure at stated temp: 25 bar / 120 °C

25 bar / -20 °C

Type of connection:

Size of inlet connection:

DN 32

Size of outlet connection:

Pressure rating for connection:

PN 50

Flange size for motor:

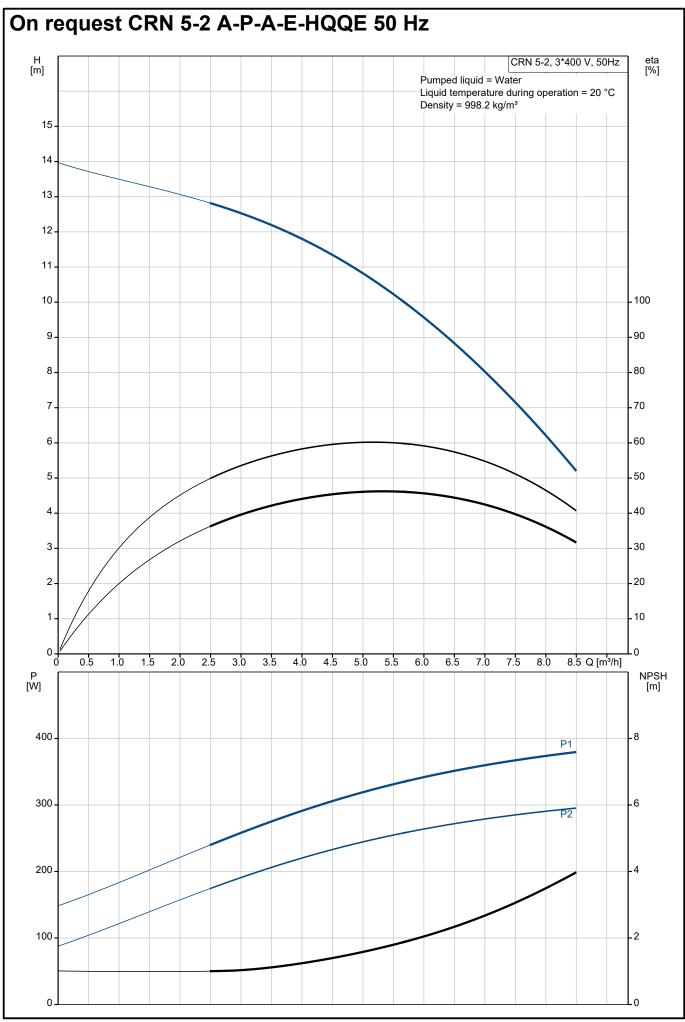
FT85

Electrical data:

Motor standard: IEC
Motor type: 71A
IE Efficiency class: IE3
Rated power - P2: 0.37 kW
Power (P2) required by pump: 0.37 kW
Mains frequency: 50 Hz

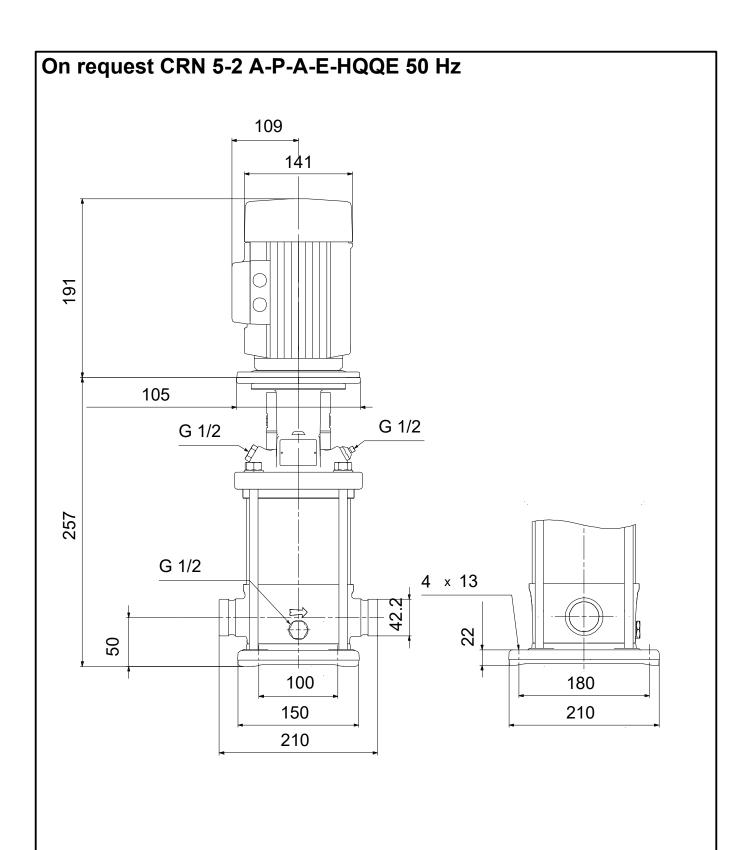
Rated voltage: 3 x 220-240D/380-415Y V

Description Rated current: 1.74/1.00 A Starting current: 490-530 % Cos phi - power factor: 0.80-0.70 Rated speed: 2850-2880 rpm Efficiency: IE3 73,8% Motor efficiency at full load: 73.8 % Motor efficiency at 3/4 load: 79.0 % Motor efficiency at 1/2 load: 75.5 % Number of poles: Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): Motor No: 85805102 Controls: Frequency converter: NONE Minimum efficiency index, MEI ≥: 0.57 Net weight: 16.5 kg Gross weight: 19.2 kg Shipping volume: 0.054 m³ Danish VVS No.: 385912002 Norwegian NRF no.: 9040472 Country of origin: GB Custom tariff no.: 84137075



Description	Value	H [m]	CRN 5-2, 3*400 V, 50Hz	eta [%]
General information:	value	_ [j	Pumped liquid = Water	[70]
Product name:	CRN 5-2	_ 15 -	Liquid temperature during operation = 20 °C Density = 998.2 kg/m³	
Troduct name.	A-P-A-E-HQQE	14 -		
Product No:	On request	13 -		
EAN number:	On request	12 -		
Technical:		11		
Pump speed on which pump data are based:	2873 rpm	10 -	1	100
Rated flow:	5.8 m³/h	9 -	-9	90
Rated head:	9 m	- 8 -	_8	30
Maximum head:	14.3 m	7		70
Stages:	2	_		
Impellers:	2	_ 6-		60
Number of reduced-diameter impellers:	0	- 5 -	5	50
Low NPSH:	N	4 -	4	10
Pump orientation:	Vertical	3 -	3	30
Shaft seal arrangement:	Single	2 -		20
Code for shaft seal:	HQQE			
Approvals:	CE,EAC,UKCA,SEPRO	_ 1-	1	
Approvals for drinking water:	WRAS,ACS	0	1 2 3 4 5 6 7 Q[m³/h]	-
Curve tolerance:	ISO9906:2012 3B	P [W]		NPSH [m]
		400	P1 -8	
Pump version: Model:	A A	- ****		-
	A	300 -	-6	2
Materials: Base:	Stainless steel	- 300 -	P2 6	,
Base:	EN 1.4408	200 -	1	1
Base:	AISI 316	_		
Impeller:	Stainless steel	100 -		2
Impeller:	EN 1.4401	_		
Impeller:	AISI 316	_ o J	L 0)
Material code:	A		109	
Code for rubber:	E	_	. 141	
Bearing:	SIC	-		
Installation:	00.00	_	\ <u>\</u>	
t max amb:	60 °C	- 161		
Maximum operating pressure:	25 bar 25 bar / 120 °C	_		
Max pressure at stated temp:				
Max pressure at stated temp:	25 bar / -20 °C	1	05	
Type of connection: Size of inlet connection:	PJE DN 32	_	G 1/2	
	DN 32	_		
Size of outlet connection:		257		
Pressure rating for connection:	PN 50	- "	G 1/2	
Flange size for motor:	FT85	- .	4 × 13	
Connect code:	Р	- 20		
Liquid:	Water		100	
Pumped liquid:	Water		150 210	
Liquid temperature range:	-20 120 °C			
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³	6	HIGH VOLTAGE DIRECTION OF ROTATION	
Electrical data:	IFO	100	(<u></u>)	
Motor standard:	IEC	_		
Motor type:	71A			
IE Efficiency class:	IE3	_ 🔽	4. 多 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
Rated power - P2:	0.37 kW	_		
Power (P2) required by pump:	0.37 kW	_ }-		
Mains frequency: Rated voltage:	50 Hz 3 x 220-240D/380-415Y		LOW VOLTAGE DIRECTION OF ROTATION	
-	V		DIRECTION OF ROTATION	
Rated current:	1.74/1.00 A	_		
Starting current:	490-530 %			
Cos phi - power factor:	0.80-0.70			
Rated speed:	2850-2880 rpm	_		
Efficiency:	IE3 73,8%	_		
Motor efficiency at full load:	73.8 %			

Description	Value		
Motor efficiency at 3/4 load:	79.0 %		
Motor efficiency at 1/2 load:	75.5 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Built-in motor protection:	NONE		
Motor No:	85805102		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.57		
Net weight:	16.5 kg		
Gross weight:	19.2 kg		
Shipping volume:	0.054 m³		
Danish VVS No.:	385912002		
Norwegian NRF no.:	9040472		
Country of origin:	GB		
Custom tariff no.:	84137075		



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

On request CRN 5-2 A-P-A-E-HQQE 50 Hz **HIGH VOLTAGE DIRECTION OF ROTATION** LOW VOLTAGE **DIRECTION OF ROTATION** Note! All units are in [mm] unless others are stated.

	Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total			
		CRN 5-2	1	On request	Price on request			
					requesi			